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au Hikaku v. 27.06.03

公開実用 昭和63- 124659

PA00-569
reference 1

②日本国特許庁(JP)

③实用新案出願公開

④公開実用新案公報(U)

昭63-124659

⑤Int.Cl.

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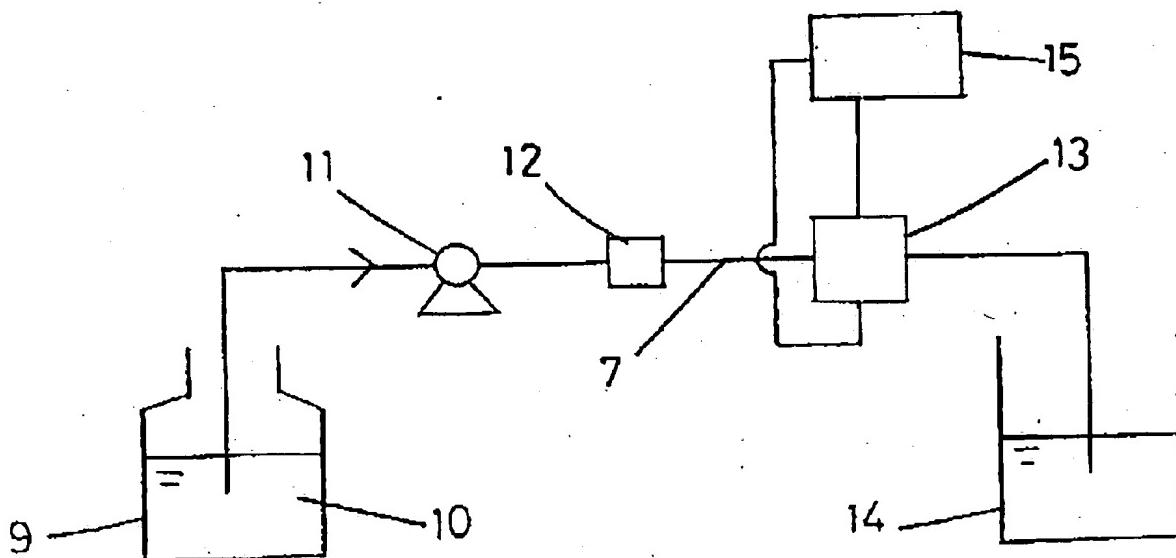
⑨出願 昭62(1987)2月5日

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第 1 図



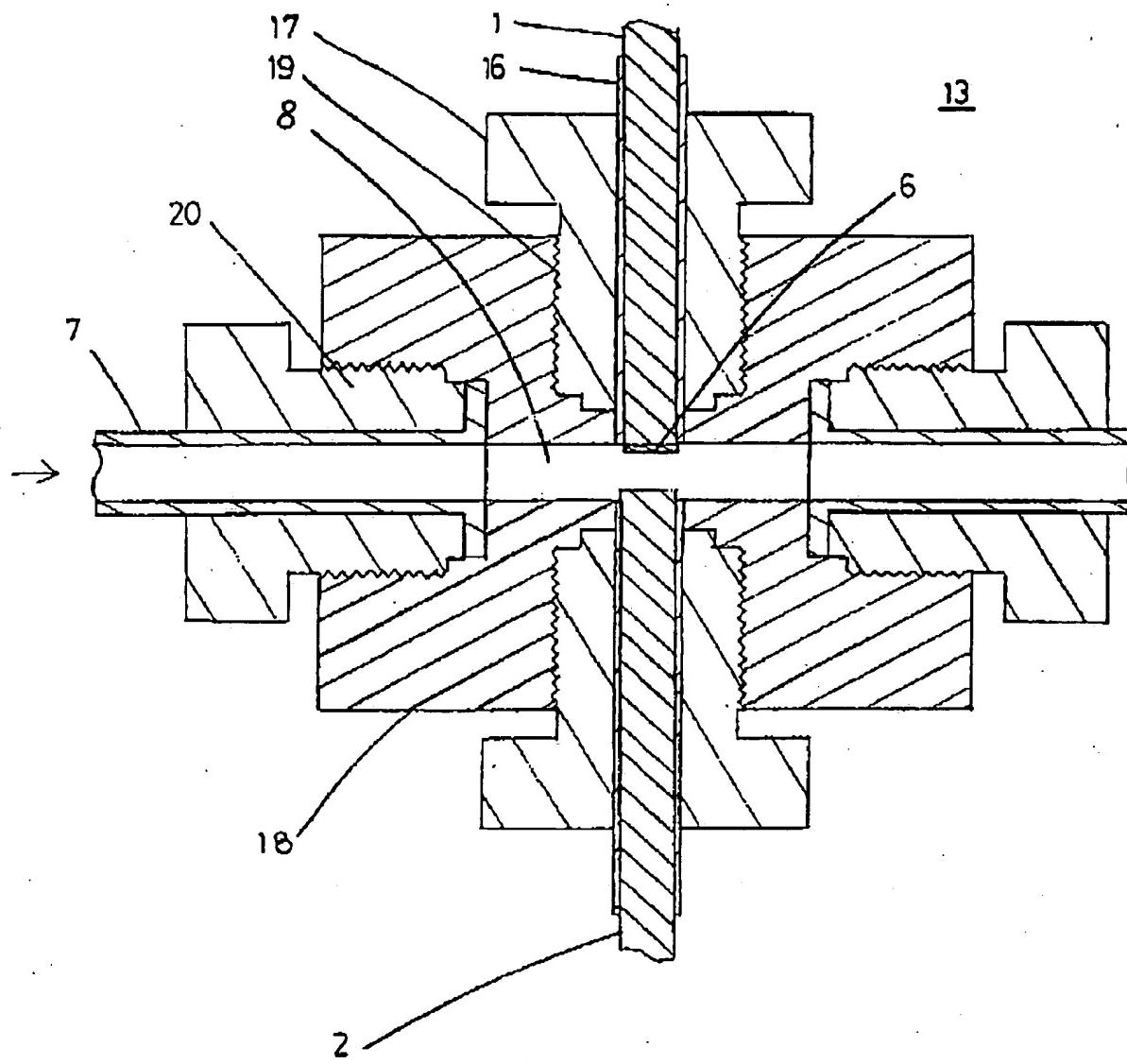
実用新案登録出願人 神崎製紙株式会社

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公開 63-1246

公開実用 昭和63- 124659

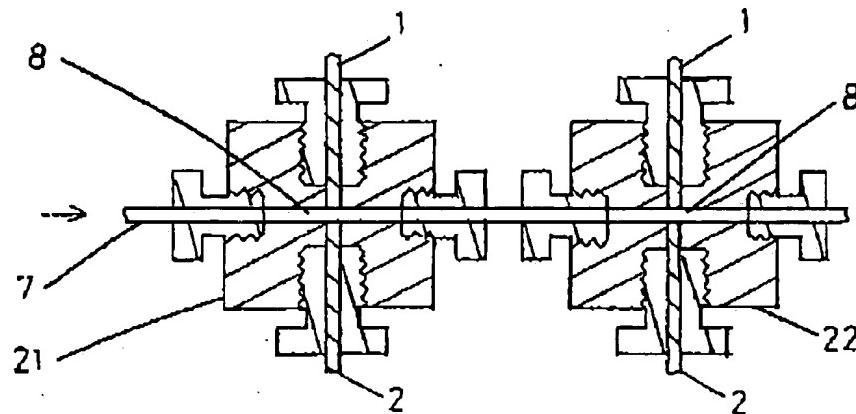
第 2 図



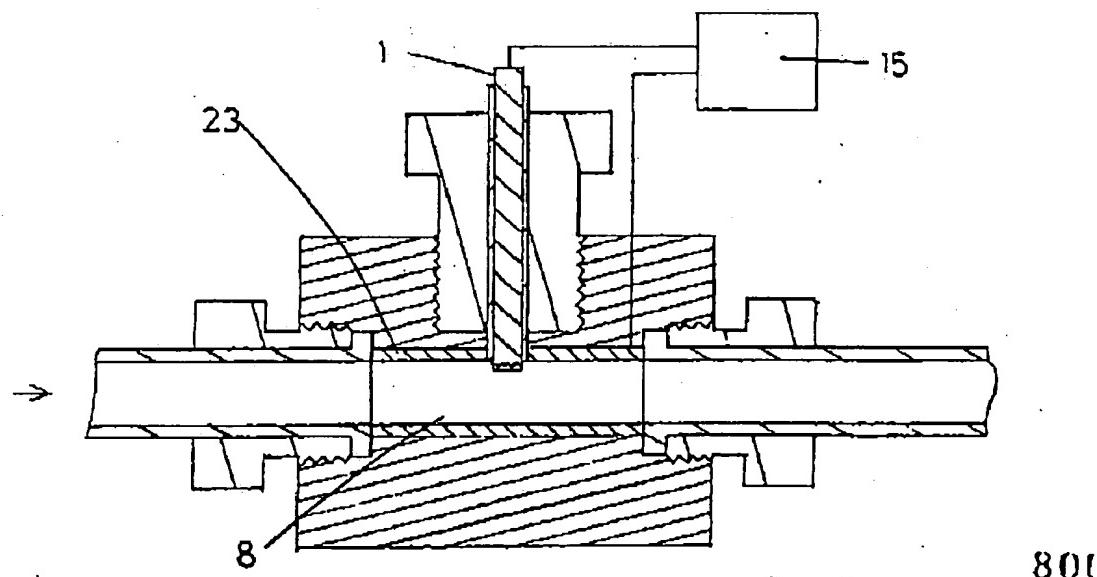
実用新案登録出願人 神崎製紙株式会社

昭和63-1

第 3 図

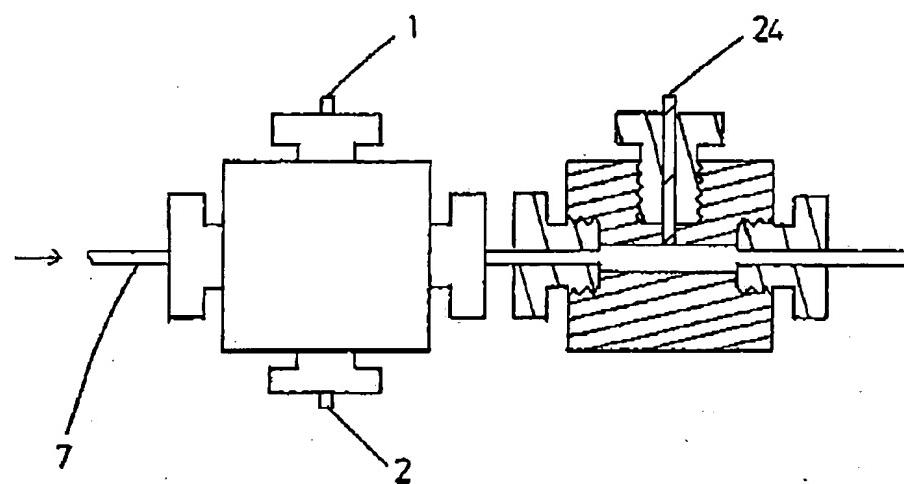


第 4 図

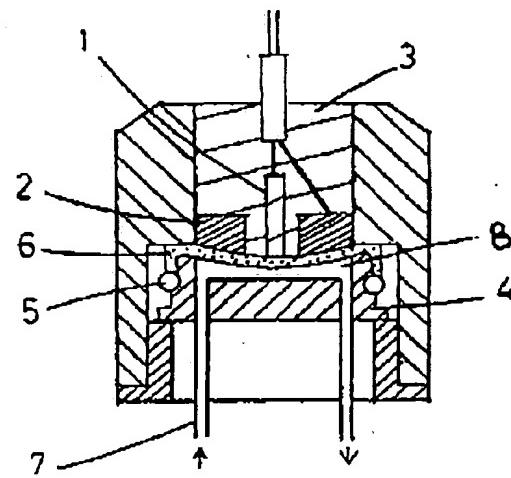


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第 5 図



第 6 図



実用新案登録出願人 神崎製紙株式会社

出願日: 1988.11.11

A partial English translation of Reference 1**Claim 1:**

An enzyme electrode measuring unit comprising a working electrode (1), a counter electrode (2), an immobilized enzyme membrane (6) and a flow cell (18), characterized in that the immobilized enzyme membrane (6) are directly formed on the working electrode (1) and the working electrode (1) is attached to the flow cell (18) detachably independently from the counter electrode (2).

Page 5, lines 12-14:

The working electrode (1) has an immobilized enzyme membrane directly formed onto the conducting material such as platinum, gold, graphite, etc.

Fig. 2:

Fig. 2 is a cross-sectional view of one embodiment of the enzyme electrode measuring unit of Reference 1. The meanings of the numbers are as follows.

- 1...working electrode
- 2...counter electrode
- 6...immobilized enzyme membrane
- 7...flow pipe
- 8...measurement chamber
- 13...enzyme electrode measuring unit
- 16...insulative coating
- 17...insulative screw
- 18...flow cell
- 19, 20...thread

Fig. 3:

Fig. 3 is a cross-sectional view of one embodiment of two connected enzyme electrode measuring units of Reference 1. The meanings of the numbers are as follows.

- 1...working electrode
- 2...counter electrode
- 7...flow pipe
- 8...measurement chamber
- 21...enzyme electrode measurement unit for glucose
- 22...enzyme electrode measurement unit for ethanol